

ACT-R Workshop 2014

Cognitive Science Annual Meeting

Quebec City, Canada

July 23, 2014

- 9:00 am **Metacognition and Learning** (Session Chair: Dario Salvucci)
- *Instance-Based Learning Models of Choice* — Coty Gonzalez
 - *Modeling Theory of Mind in ACTransfer* — Stefan Wierda
 - *Towards a Model of Life-Long Learning* — Niels Taatgen
- 10:30 am **Break**
- 11:00 am **Embodiment and Interaction** (Session Chair: Greg Trafton)
- *Habituated Activation: Considerations and Initial Implementation within the SS-RICS Cognitive Robotics System* — Nick Wilson
 - *Social Cognition: ACT-R Models Talking to Each Other* — Bill Kennedy
 - *From Circles to Cities: Driver Distraction in Traffic* — Dario Salvucci
- 12:30 pm **Lunch**
- 2:00 pm **Architecture I** (Session Chair: Niels Taatgen)
- *A Model of Sustained Attention* — Greg Trafton
 - *Towards a Formal Description of the ACT-R Theory of Cognition with an Application to Spatial Reasoning* — Rebecca Albrecht
 - *Cognitive Moderators: Methodologies for Turning the Fantasy of Unified Theories into Reality* — Glenn Gunzelmann
- 3:30 pm **Break**
- 4:00 pm **Architecture II** (Session Chair: Christian Lebiere)
- *ACT-R Updates* — Dan Bothell
 - *ACT-R and the Macro Architecture Hypothesis* — Robert West
 - John Anderson
- 5:30 pm **End**